#3

FIG. 1

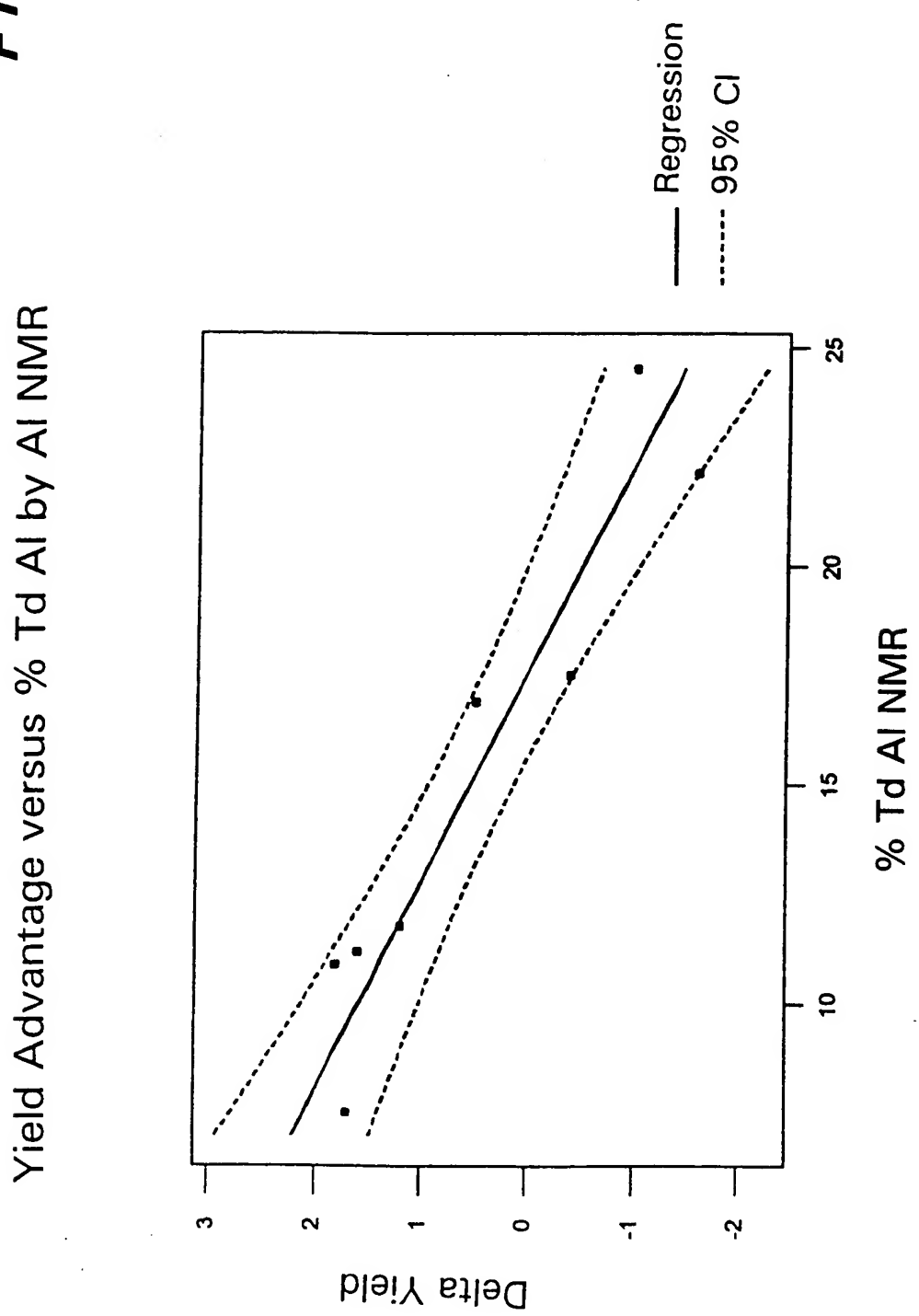

Yield Advantage versus % Td AI by AI NMR
Regression
95% CI
Delta Yield
3
2
1
0
-1
-2
10
15
20
25
% Td AI NMR

FIG. 2

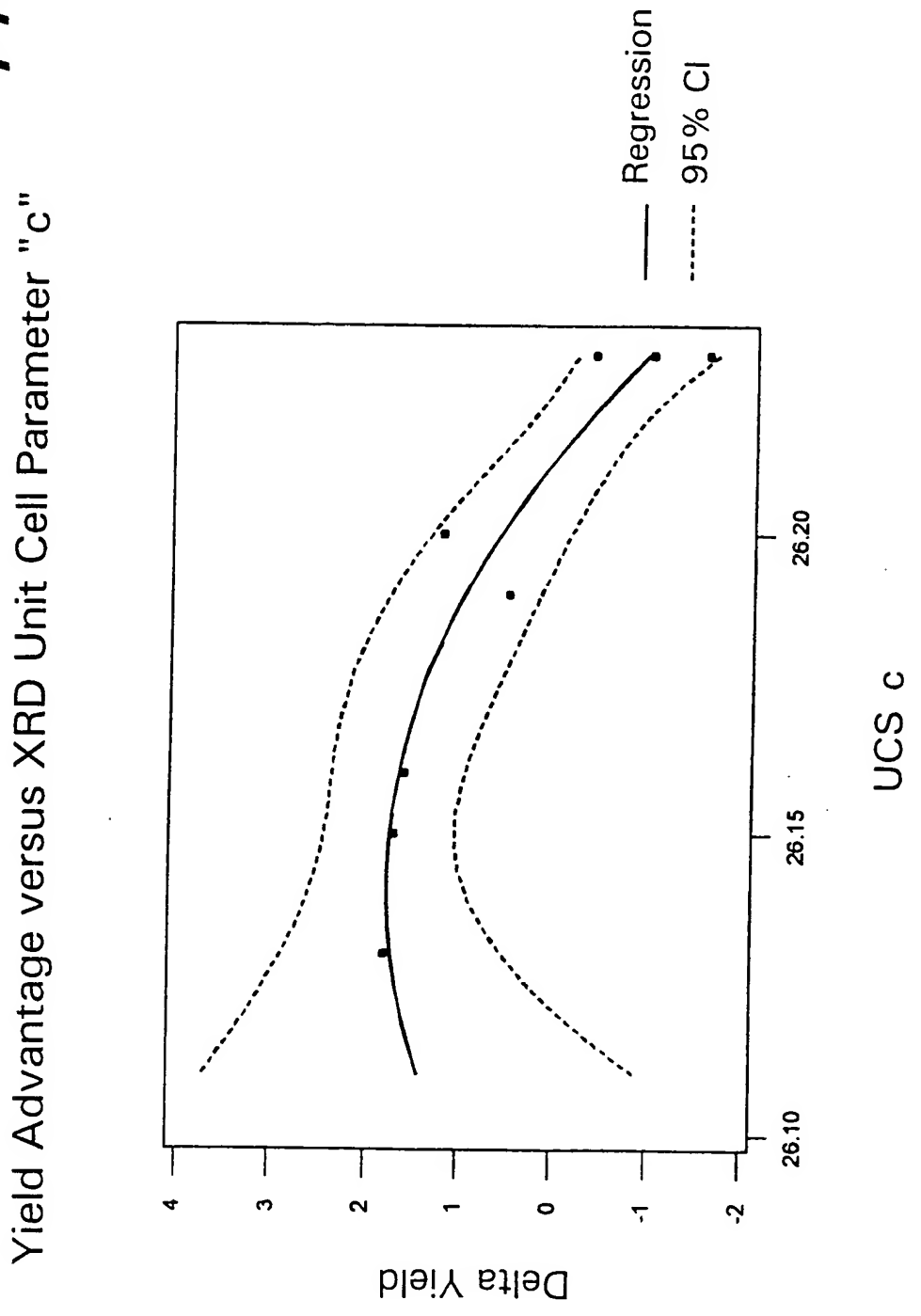

Yield Advantage versus XRD Unit Cell Parameter "c"
Regression
95% CI
Delta Yield
4
3
2
1
0
-1
-2
26.10
26.15
26.20
UCS c

FIG. 3

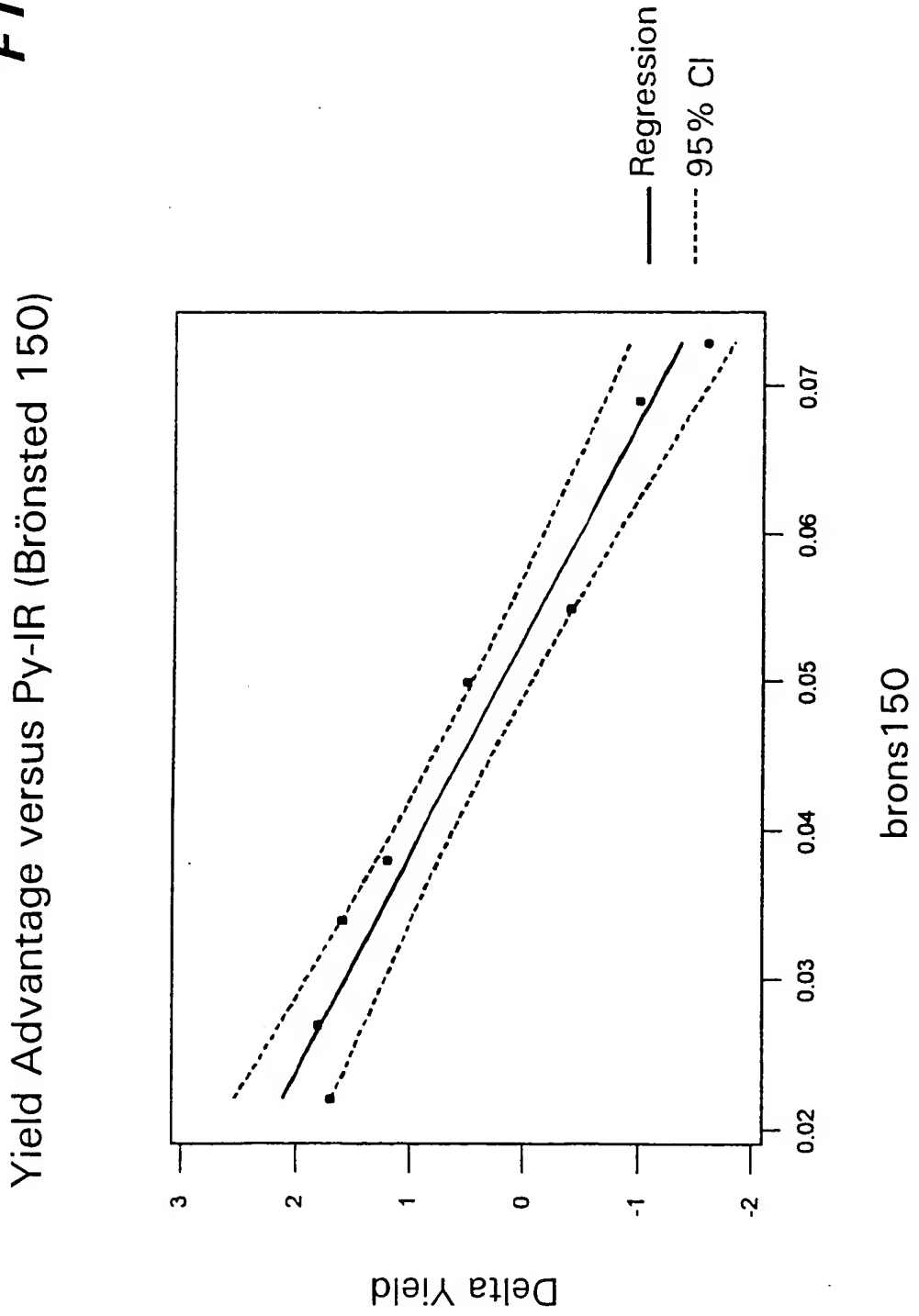

Yield Advantage versus Py-IR (Brönsted 150)
Regression
95% CI
Delta Yield
3
2
1
0
-1
-2
0.02
0.03
0.04
0.05
0.06
0.07
brons150

FIG. 4

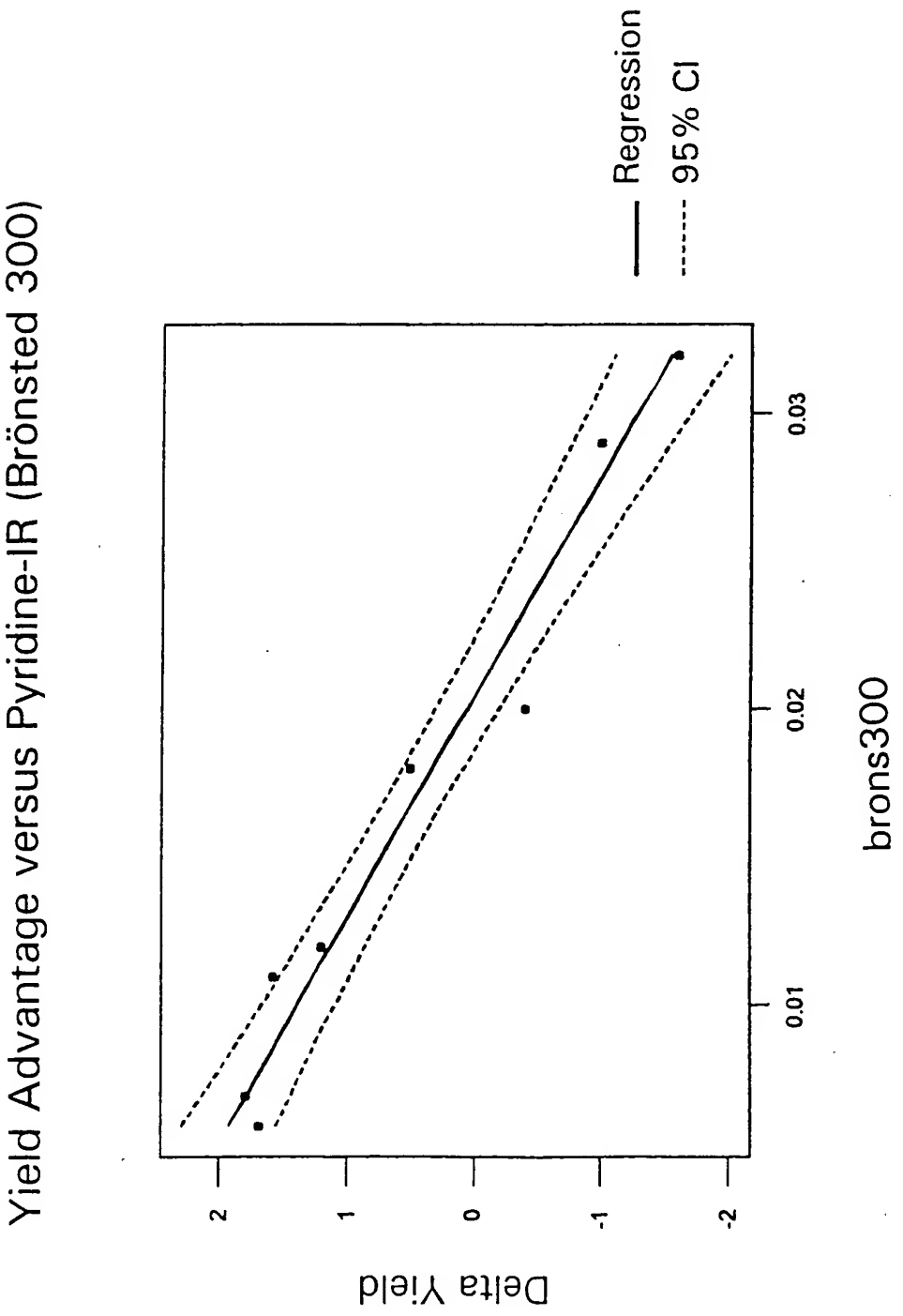

Yield Advantage versus Pyridine-IR (Brönsted 300)
Regression
95% CI
Delta Yield
2
1
0
-1
-2
0.01
0.02
0.03
brons300

FIG. 5

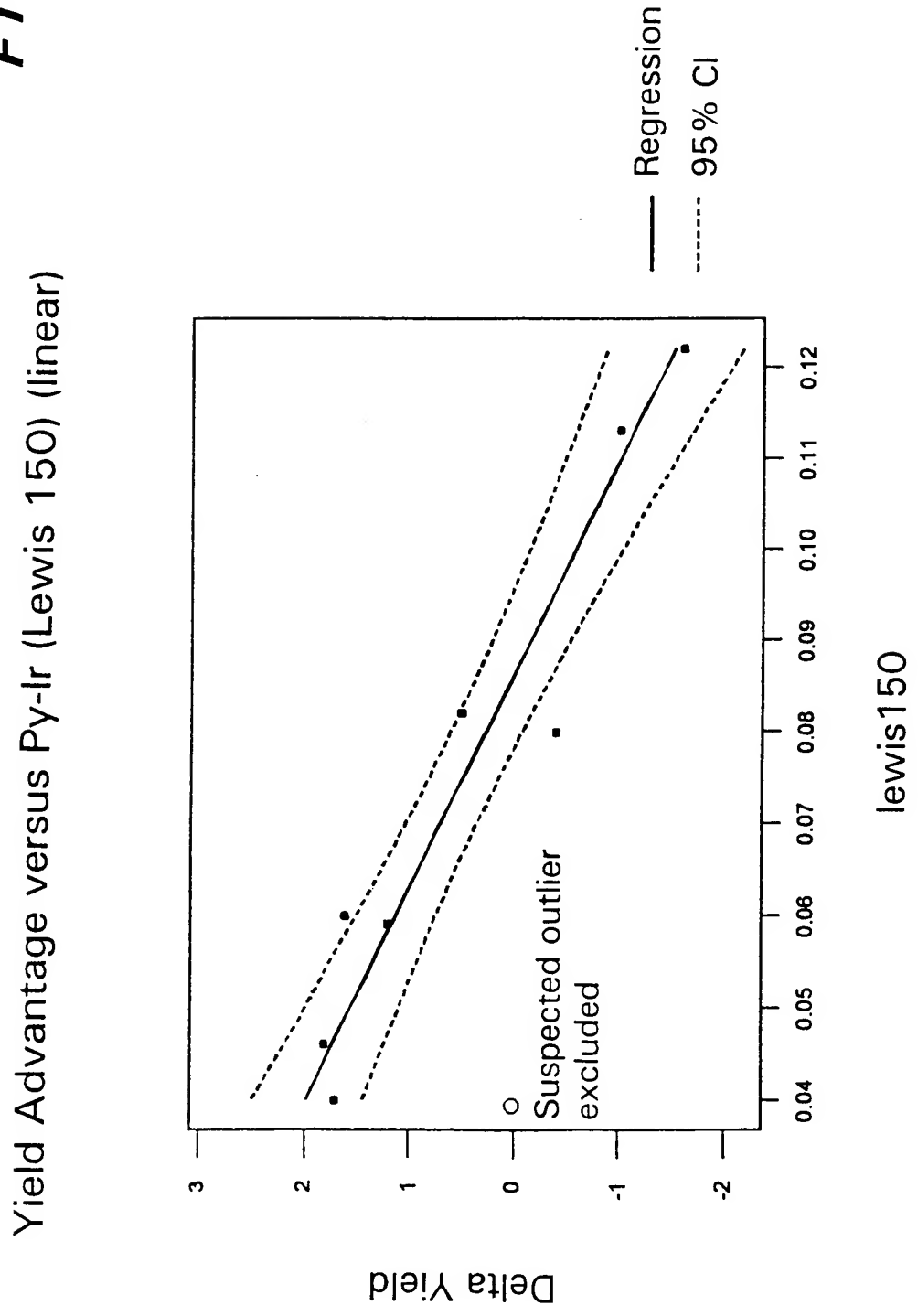

Yield Advantage versus Py-Ir (Lewis 150) (linear)
Regression
95% CI
Suspected outlier excluded
Delta Yield
lewis150
3
2
1
0
-1
-2
0.04
0.05
0.06
0.07
0.08
0.09
0.10
0.11
0.12

FIG. 6

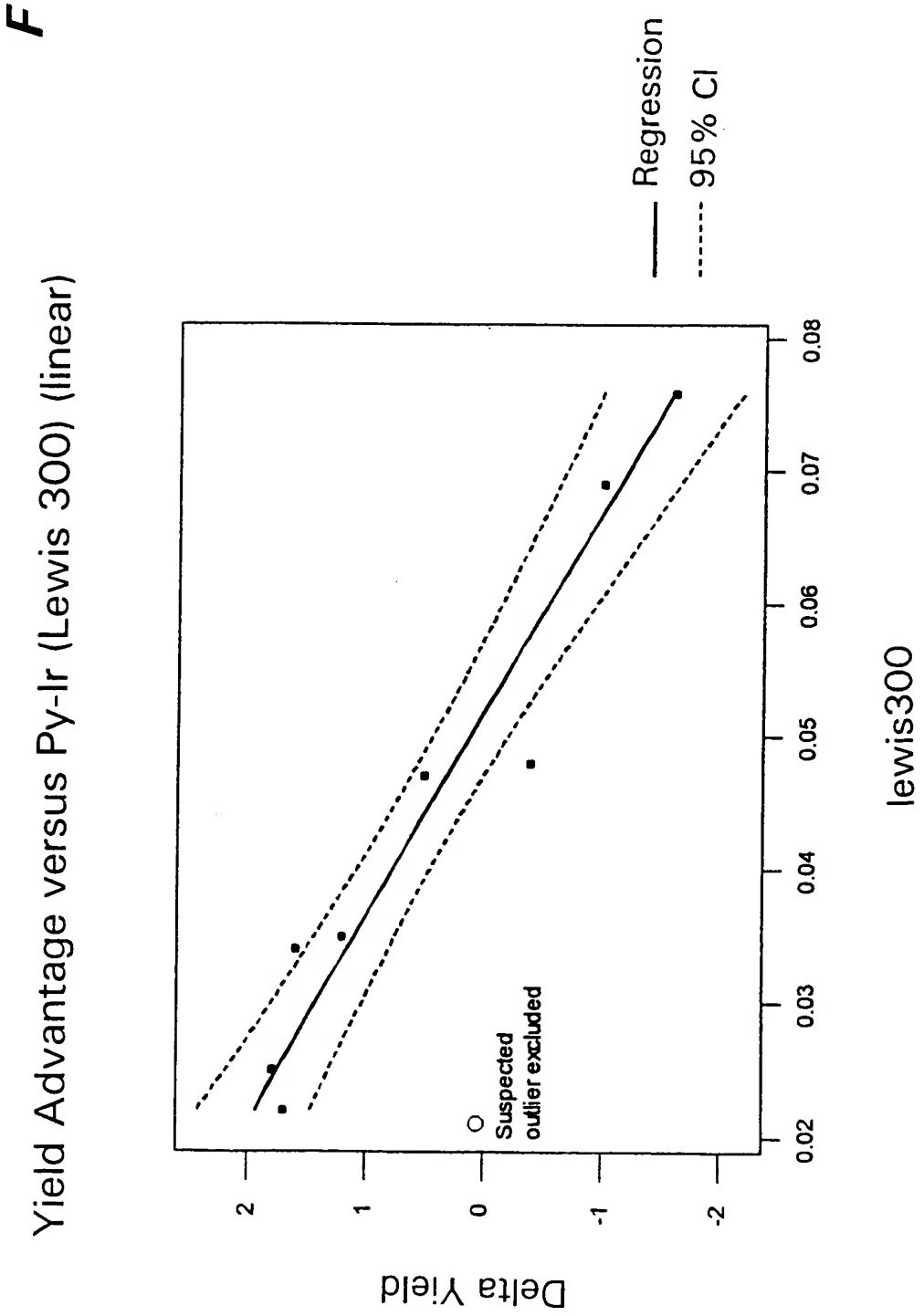
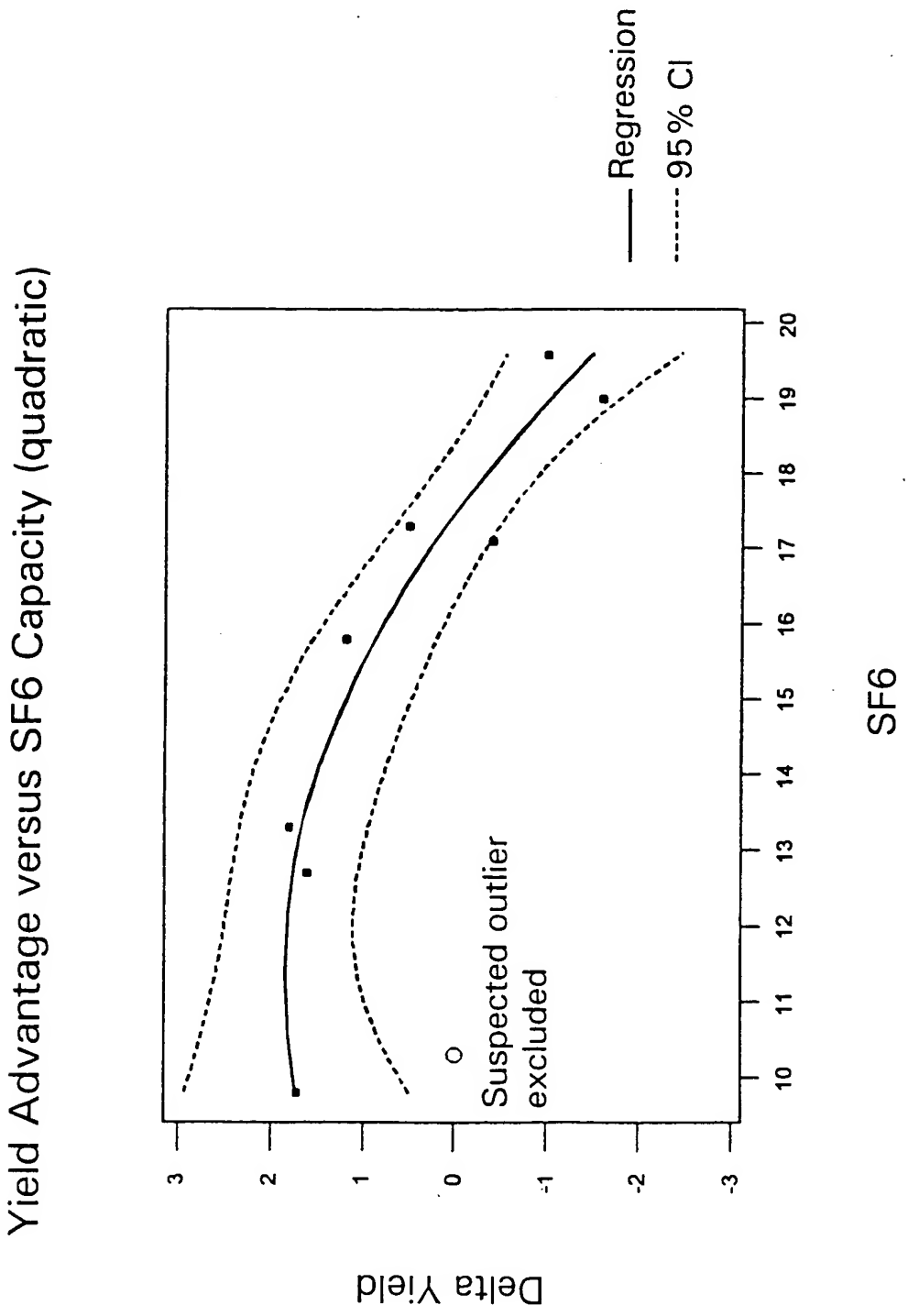

Yield Advantage versus Py-Ir (Lewis 300) (linear)
Regression
95% CI
Suspected
outlier excluded
Delta Yield
2
1
0
-1
-2
0.02
0.03
0.04
0.05
0.06
0.07
0.08
lewis300

FIG. 7


Yield Advantage versus SF6 Capacity (quadratic)
Regression
95% CI
Suspected outlier excluded
Delta Yield
SF6
3
2
1
0
-1
-2
-3
10
11
12
13
14
15
16
17
18
19
20

MIDDLE DISTILLATE SELECTIVE HYDROCRACKING PROCESS
INVENTOR: LORENZ J. BAUER
DOCKET NO.: 105223

FIG. 8